

March 7 - 13, 2003

<P>The Terra spacecraft is operating nominally. All 5 instruments are in Science Mode.</P>

<P>A dry-run for the Deep Space Calibration Maneuver Engineering Command Authorization Meeting (CAM) was held on the evening of March 13, 2003. Flight Operations Team subsystem engineers presented at the meeting, and the meeting included representatives from all 5 instrument teams and the spacecraft manufacturer via telecon. No significant issues arose during this dry-run, and the CAM will be conducted twice more with all members of the collective Terra operations team in attendance. The CAM will be conducted again on the day before the maneuver Full Dress Rehearsal and on the day before the actual execution of the maneuver. All continues to proceed well toward the execution of the first Terra Deep Space Calibration Maneuver on March 26, 2003. The second maneuver including the lunar calibration is tentatively planned for April 14, 2003.</P>

<P>The next lunar roll maneuver for MODIS calibration will be conducted on the morning of March 22, 2003. This maneuver is deemed especially important as it is the last lunar calibration for MODIS prior to the Deep Space and Lunar Calibration maneuvers for ASTER, CERES, MODIS and MISR.</P>

<P>The waiver for MODIS X-band Direct Broadcast on/off cycling over Canberra remains in place between GSFC and JPL / DSN to enable continued acquisition of fire hotspot data to support the Sentinel hotspot data system deployed under the auspices of CSIRO in Australia. See the feature articleFrom Space to the Outback for details on the Sentinel project and the solution to the issue of potential X-band RFI.</P>

<P>TERRA PLANS:

Continue preparation for the first Deep Space Calibration Maneuver for Terra on March 26, 2003.

The next lunar calibration roll maneuver for MODIS will be conducted on March 22,

2003,

4 days prior to the first Deep Space Calibration Maneuver (without the moon) on March 26, 2003.

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